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# PUBLIC NOTICE

**File Number: NRS 13.111**

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** City of Portland  
c/o Thomas McCormick  
100 South Russell Street  
Portland, TN 37148  
615-323-1437

**LOCATION:** Portland, Sumner County, TN

Stream Impact #1	Latitude: 36.58907	Longitude: -86.55229
Stream Impact #2	Latitude: 36.58494	Longitude: -86.55185
Wetland	Latitude: 36.58740	Longitude: -86.52729

**PROJECT DESCRIPTION:** The applicant proposes to upgrade the sewer systems of Portland, TN with 7,000 linear feet of new sewer lines. The City will cross Summers Branch, a tributary to Red River twice with a gravity sewer line and cross a wetland once with a force main line. Specifically, the City proposes to install 5,000 linear feet of new 6-inch and 8-inch force main and 2,000 linear feet of 10-inch gravity sewer line. These activities are associated with the Shoals FIDP Sewer System Improvements project.

No blasting will be permitted in the excavation of the trenches that parallel the streams, run through the wetland, and cross the streams at any location. Stream crossings will be completed using jack and bore technology. Wetland crossings will be installed using the horizontal direction drilling method. Groundwater loss will be prevented by backfilling all stream crossings with flowable fill. Clay trench plugs will be placed throughout the trench, spaced 200 feet apart at a maximum in all trenches that parallel the streams. These clay plugs will be hard packed in 6" lifts to approximately 6" below normal surface elevation. Then the trench will be backfilled with typical topsoil and seeded.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** Summers Branch and the wetland proposed to be impacted are within the Red River Watershed (05130206). This watershed is approximately 1,444 square miles (801 square miles in Tennessee) and drains to the Cumberland River. The Tennessee portion of the Red River Watershed is located in Middle Tennessee and includes parts of Cheatham, Davidson, Montgomery, Robertson, Sumner, and Stewart Counties. For more information on this watershed please visit our website at <http://www.tn.gov/environment/water/watersheds/red-river.shtml> .

**Stream Name / ID #:** Summers Branch (TN05130206024\_0150)

**Ecoregion:** Western Pennyroyal Karst Plain (71e)

**Stream And Wetland Dimension:**

Stream Impact #1	Channel bottom width	8 feet
	Chanel top width	10 feet
	Water depth	6-24 inches
	Bank height	1-3 feet
	Substrate	Bedrock and cobble
Stream Impact #2	Channel bottom width	20-30 feet
	Chanel top width	50 feet
	Water depth	24-36 inches
	Bank height	4-5 feet
	Substrate	Bedrock and cobble
Wetland	Soils	Guthrie
	Vegetation	low level ground cover and brush

Designated Use	Use Support	Causes
Fish and aquatic life	Not supporting	Nutrients and Siltation
Recreation	Not supporting	E coli
Industrial water supply	Fully supporting	
Irrigation	Fully supporting	
Livestock watering & wildlife	Fully supporting	
<b>Assessment Date:</b>	2009	

**PERMIT COORDINATOR:** Vena Jones

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

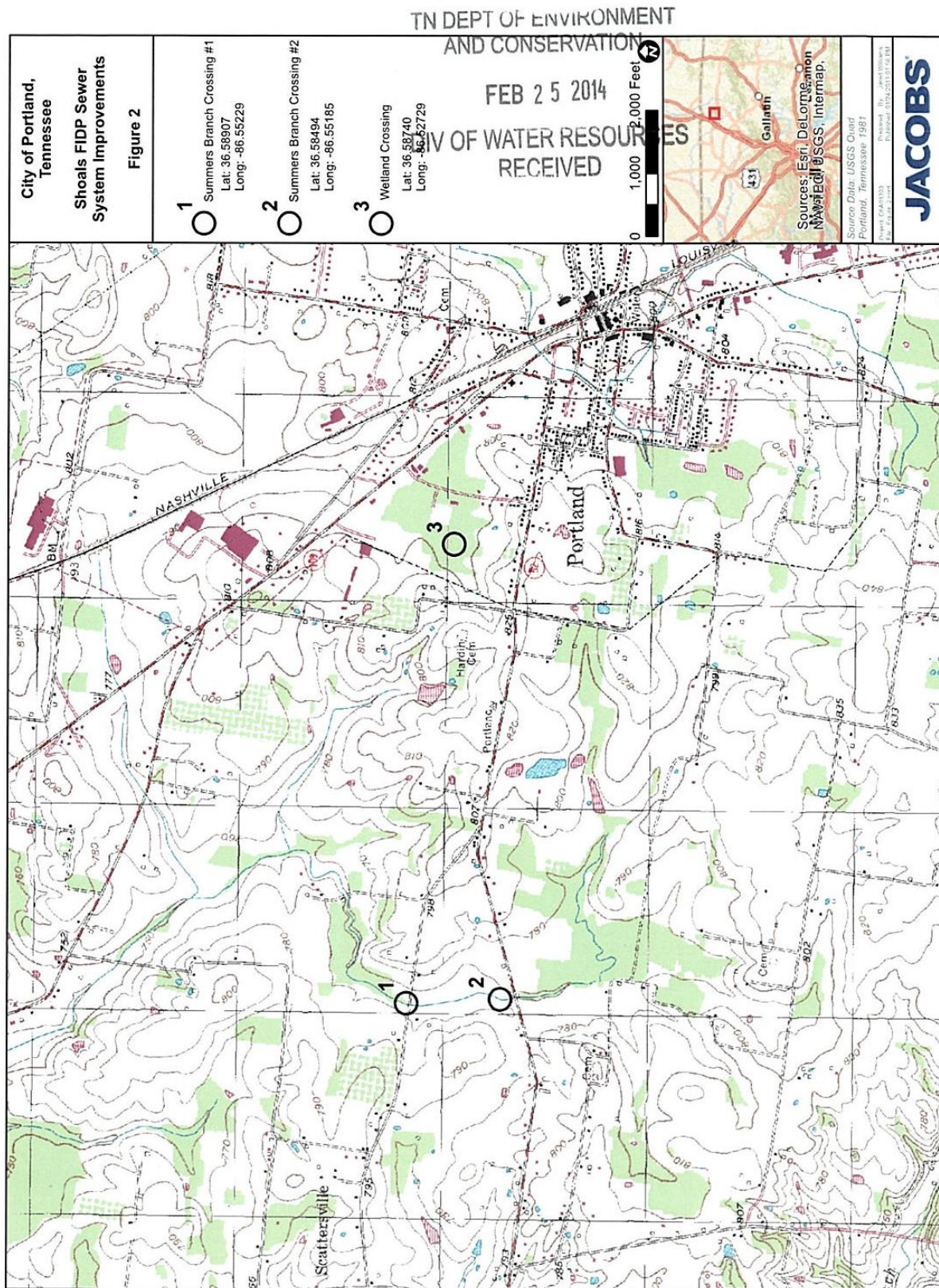
**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

# LOCATION:





# OVERALL SITE PLANS:

